MEETINGS OF SCIENTIFIC BODIES

Held during the ensuing week.

TUESDAY, APRIL 10.—Freemasons of the Church, 8 P.M.

WEDNESDAY, 11th — Society of Arts, 8 P.M.; Graphic Society, 8 P.M.

FRIDAY, 13th. — Archæological Association, 8½ P.M.; Archæological Institute, 4 P.M.

TO CORRESPONDENTS.

"*Size of Drains.*"—Several correspondents complain bitterly, that while the Commissioners of Sewers forbid the use of drains more than 4 inches in diameter, they will not take the responsibility of any derangement in consequence.

"*Copper Bronze Powder.*"—A correspondent wishes to know "the method of making copper bronze powder. I have tried the common receipts, viz., by placing bars of iron or pieces of zinc, into a solution of the sulphate, or nitrate of that metal, but this changes so rapidly into the red, or black oxide, as to be perfectly useless."

"*Constantinople.*"—A correspondent asks "whether the water, which is used in Constantinople, and brought from the forest of Belgrade, is raised to the level of Constantinople by the action of capillary attraction, in the numerous upright pipes, standing between the reservoir at Belgrade and the reservoir at Constantinople, or by the action of the syphon?"

Received.—"T. S.," "J. H.," "R. L.," "E. T. B.," "L. C." (tenders for the "Middle Level Drainage" have not reached us); "Surveyor" (there are no published precedents; so much must depend on circumstances); "G. W.," "E. K. D.," "A Miner" (we agree with our correspondent in considering *choke*-damp not explosive. The expression of Sir H. Delabeche may have been misunderstood, or was inadvertent); "E. B." (we have not had time to call); "G. N." (we cannot afford the time at this moment); "K. and Co.," "Constant Reader," "J. and Co." (we are sorry our correspondents were inconvenienced); "Scrutator" urges that a *brick* sewer for Kensington, might be formed for less money than drain *pipes* will cost); "A. P.," "Gerard," "W. H." "W. B. C." (we have not heard that competitors have received any announcement from Dundee); "Blackwood," "Ecclesiologist," "Journal of Design," No. 2, "Remarks on Entrances to Docks," by J. B. Redman; "The Ecclesiastical and Architectural Topography of England," Part II. Berkshire, J. H. Parker; "Paper on Hot and Cold Blast Iron," by H. Hartop.

"*Books, Prices, and Addresses.*"—We have not time to point out books or find addresses.

ADVERTISEMENTS.

MONEY ADVANCED at 5*l.* per Cent.—The MAGNET BUILDING and INVESTMENT SOCIETY.—No Discount on anticipation of Shares.—Bidding for Shares and Redemption Fees abolished.—Final Termination of Society.—The full Value of Shares advanced at 5*l.* per Cent. Shares 20*l.* each.—The First Subscription Meeting will take place at the George and Blue Boar Tavern, Holborn, on MONDAY, the 15th April, 1850, at Seven o'Clock in the evening.—Prospectuses to be had of the Secretary, Mr. OSX. 1, Clement's-inn; the Treasurer, Mr. PETERS, 44, Bell-yard, Temple-bar; and at the above Tavern.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS, Manufactory, 19, REGENT-STREET and 18, CHANCERY-LANE. Patent sealed on the 4th day of February, 1843, for Fourteen Years, for Improvements in Revolving Shutters of WOOD and IRON, consisting of the Methods of Raising and Lowering Shutters, without Machinery, and Trap for Hinging and Sheathing the Edges of Wood Laths with Iron.—The Patentee having fixed up some hundreds, will feel pleased in forwarding the Testimonials of Architects, Principals of large Establishments, and others, having them now in use, which fully guarantees the Patentee in stating they are beyond dispute superior to any other Revolving Shutter for durability, security, and simplicity, without the aid of concealed worm and screw gear, or any other complicated machinery employed by other makers.

BUNNETT and Co., ENGINEERS, Patentees of REVOLVING IRON AND WOOD SAFETY SHUTTERS, and of ORNAMENTAL METALLIC SASH BARS, MOULDINGS, &c., IN BRASS, COPPER, ZINC, &c. FOR SHOP-FRONTS, SKYLIGHTS, &c.

Shop-fronts completely fitted and fixed in a superior style, either plain or ornamental, also glazed with best plate glass. Strong moulded skylights handsomely engraved. Metal works and machinery of all kinds in connection with banking-houses, shops, warehouses, &c. &c.

It and Co challenge competition as to either quality or price.

Designs furnished and estimates given.

IMPROVED PATENT BENCH AND FLOORING CRAMPS FOR BUILDERS.

SOLE LICENSEES FOR MARVIN AND MOORE'S PATENT DIAGONAL GRATING.

Office of the Patentees, 37, Lombard-street, London; and at the Works, Deptford, Kent.

PAPER-HANGINGS.—JEFFREY, ALLEN, and Co., solicit the attention of Builders and the Trade generally to their extensive STOCK of PAPER HANGINGS, which, from the use of steam-power and recent improvements in the application of machinery, they are able to offer at remarkably low prices.—Kent and Essex Yard, 115, Whitechapel.

PAPER-HANGINGS, MANUFACTURED UNDER HER MAJESTY'S ROYAL LETTERS PATENT.

E. T. ARCHER, 451, Oxford-street, solicits an inspection of the various DECORATIVE PAPERS, fitted up in panels on the walls of the extensive range of apartments, built expressly for that purpose; where also is kept an extensive stock of every variety of Paper-hangings, at the lowest possible price and of the best manufacture, in English and French Designs, by the best Artists; and where may be had a large assortment of French and other Continental Paper-hangings always on hand.—Builders and large Consumers are particularly invited to the above.—451, Oxford-street.

ARCHITECTS', BUILDERS', and GENERAL FIRE and LIFE INSURANCE COMPANY, 69, Lombard-street, London.

CHAIRMAN, SYDNEY SMIRKE, Esq., R.A.

TREASURER.

T. L. Donaldson, Esq. — A. Salvin, Esq., F.S.A.
S. Grindsell, Esq. — G. Smith, Esq., F.S.A.

The rates for both Fire and Life Insurances are as low as can with safety be taken. Those for Life Insurance may be paid either yearly, half-yearly, or quarterly; one-half the annual premium may be left unpaid for seven years, or one-third to the end of life. Thus large sums may be insured at the smallest present outlay.

Prospectuses, forms of proposals, &c., may be had at the Office, 69, Lombard-street, or of the agents.

JOHN REDDISH, Manager.

ASYLUM DOMESTIC and FOREIGN LIFE OFFICE, No. 72, Cornhill. Established 1824.

CHAIRMAN—Lieut.-Gen. Sir James Law Lushington, G.C.B.

DEPUTY-CHAIRMAN—Charles William Hallett, Esq.

Facilities originated by the Asylum Company:—Insurance of Bonus in Mutual offices. Low Premiums for every year of Life, on Ascending Scales, and for the long term of twenty years. Ascending Scales, ceasing at pleasure of the Assured. Alternative, by which part of the whole Life Premium remains unpaid, at 4 per cent interest. Insurances on Invalid and deteriorated lives. On Naval and Military Officers at fixed rates for all countries. On persons voyaging, travelling, or resident abroad. And, the virtual completion of Policies in a single day.

GEO. FARREN, Esq., Resident Director.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public, that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUP., and borders from SIXPENCE PER FOOT RUN. A large quantity of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms. HARLEY LUNO, No. 1, King-street, Baker-street, Portman-square.—Omnibus only.

E. and W. H. JACKSON beg to call the attention of Builders and the trade to the reduced prices of their PATENT PLATE GLASS, which, from its cheapness, is now superseding others in all respectable dwelling-houses. BRITISH and ROUGH PLATE, CROWN, SHEET, STAINED, and ORNAMENTAL GLASS, supplied of the best manufactory, and at the lowest terms. List of prices, estimates, and every information can be had on application at their warehouse, 115, Oxford-street.

PLATE GLASS.—THOS. MILLINGTON begs to inform the trade that he has now ready for sale, a large quantity of BRITISH PLATE GLASS, which he can offer at the following low prices:—In sizes under 1 foot super, 1 3d.; under 1 ft. 6 in., 1s. 6d.; under 2 ft., 1s. 9d.; and under 3 ft., 2s. 3d. per ft. super. Also, Rough Plate, in various substances, from 1-8th in. upwards. (Observe the address—E. BISHOPSGATE-STREET WITHOUT.)

SOHO PLATE, CROWN, SHEET, PATENT PLATE, ORNAMENTAL, and LOOKING-GLASS MANUFACTORY, 28, Soho-square, London.

PLATE GLASS.—Architects, builders, and the trade generally will find the stock of plate glass in this department of the very best colour and finish; and in order to meet and encourage the increasing demand for glazing quantities, a special price will be given for all orders upon application.

LOOKING-GLASS AND FRAME DEPARTMENT.—Cabinet-makers and carvers and gilders will find a large and very valuable stock of carved and composition frames, &c., fitted with silvered plate glass, and ready for immediate delivery (either gilt or ungilt). The stock of mahogany dressing and cheval glasses is also most extensive, and of the very best quality and design.

PATENT PLATE GLASS.—A reduction of 40 per cent. has been made upon this glass, so well adapted for glazing houses of the first-class, and for prints, &c. The new tariff of prices is ready, and will be forwarded upon application.

ORNAMENTAL GLASS.—A very choice stock of superior designs is constantly kept ready for delivery,—the quotations ranging from 1s. 2d. per super foot.

CROWN, SHEET, AND HORTICULTURAL GLASS.—A printed card of prices for these descriptions of glass, which are delivered in crates as manufactured, or cut to sizes ordered, can be had upon application.

THE UNION PLATE GLASS COMPANY beg to call the attention of architects, surveyors, builders, large consumers, and the trade generally, to the quality, colour, and substance of their highly-finished glass, and as the thickness vary according to size, they prefer giving a special estimate for each quantity required. To encourage the use of Plate Glass for glazing purposes, the price is considerably reduced, which will, for its durability and appearance, insure the preference to any other description.

ROUGH PLATE GLASS supplied for skylights, warehouses, workshops, and flooring, 3-sths, 4-8, and 1 inch thick.

London Warehouse, 86, Hatton-garden, Holborn.

H. CHRISTIE, Agent.

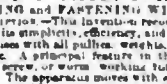
CHAS. WM. WATERLOW, MANUFACTURER of Sashes and Frames, and Joiner to the Trade, 121, Sunhill-row, Finsbury-square.—Well-seasoned materials, superior workmanship, lowest prices.—Upwards of 400 Hooped and a large variety of Meshes and Frames always on sale. Glazed goods securely packed for the country. Steam-struck Mouldings to any quantity.—N.B. This Establishment is worth the notice of all engaged in building.

By Her Majesty's Royal Letters Patent.

GLASS VENTILATORS FOR WINDOWS.

BAILLIE'S PATENT Transparent SLIDE VENTILATORS, supplied at a reduction of 40 per cent. from the original Tariff. Their extensive and successful application to public offices, bed-rooms, and the cure of smoky chimneys, prove their great utility. To be seen in action at Edward Baillie's Stained Glass Works, 13, Cumberland Market, Regent's Park.

Designs and estimates for church and ornamental windows forwarded on application as above, where specimens in every style are on view.



HURWOOD'S PATENT APPARATUS for MOVING and FASTENING WINDOWS, &c.

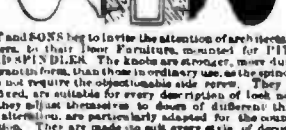
GENERAL DESCRIPTION.—This invention recommends itself in all its applications by its simplicity, efficiency, and certainty of action, and entirely dispenses with all pulleys, weights, cords, springs, recesses, fastenings, &c. A principal feature in the invention is the application of the screw, or worm working into a wheel of rack, as a prime mover. The apparatus moves with ease and certainty, is very durable, not likely to be out of order; is perfectly secure in every position, and is applicable to conservatories, church ornaments, folding shutters, stables, ventilators, skylights, ship scuttles, deck and storm lights, and to all descriptions of windows, and is particularly adapted to public buildings, where security is an important object, as in lunatic asylums.

Further particulars may be had upon application to the Patentee, and also the terms upon which licenses are granted.

*** Illustrative Chalcotypes may also be obtained from the Patentee, Penrith, by inclosing twelve stamps, to cover postage.

By Her Majesty's Royal Letters Patent.

PITT'S PATENT SELF-ADJUSTING DOOR KNOBS AND LOOSE SPINDLES.



HART and SONS beg to invite the attention of architects, builders, and others, to their Door Furniture, mounted for PITT'S PATENTED SPINDLES. The knobs are stronger, more durable, and more elegant in form, than those in ordinary use, as the spindles, being loose, do not require the objectionable side screw. They are more readily fixed, are suitable for every description of lock now in use, and, as they adjust themselves to doors of different thicknesses, without alteration, are particularly adapted for the country or for exportation. They are made in each every style of decoration; in China, crystal, amber, and opal glass, buffalo, horn, ivory, ebony, brass, &c., en suite with finger-plates, bell-pulls, levers, &c.—May be obtained of all Ironmongers; or of the proprietors and sole manufacturers, HART and SONS, Wholesale Ironmongers, 83, 84, and 85, Wych-street, Strand, London.

N.B. PITT'S PATENTED SPINDLE, being the only one that does not require a screw in the side of the knob or mounting, the use of any look furniture without such side screws would be an infringement of the patent.

STEAM-ENGINE.—A new high-pressure Horizontal Engine, with tubular boiler, 16-horse power, and of the most perfect workmanship, is TO BE SOLD, for the low cost.—Further particulars may be had at the Phœnix Foundry, 176, Bermondsey, where the engine may be seen after the 6th April.

TO ARCHITECTS AND GENTLEMEN

TO BE SOLD, for a moderate sum, a massive METAL EAGLE, elaborately chased, designed for a devotional reading desk. Any gentleman requiring such for a church will find this a favourable opportunity. To be seen at EBELL and Co.'s, Upholders, 5, Allemanie-street, Piccadilly.

FAVOURABLE OPPORTUNITY of MAKING a FORTUNE.—Any person who is desirous of making a fortune in a respectable way, without embarking capital, may learn of a favourable opportunity, by addressing himself, by prepaid letter, to Messrs. A and W., place street, Bruges, Belgium, when full particulars will be gratuitously forwarded.

WORCESTER ENCAUSTIC TILE WORKS.—To clear the remainder of the STOCK the Proprietor has determined on reducing the price of ornamental pavements to 1s. a square foot.—Apply at the Works, Palace-row, Worcester.

N.B. Designs for pavements sent by post to suit the space intended to be covered, and the date of the building.

FIRE BRICKS.—To Builders, Gas Companies, Engineers, &c. &c. WARD and CO., Horsley Wharf, Bankside, have now on hand an extensive and well-selected Stock of every description of Fire Bricks, Lumps, Tiles, Clays, &c. used in Gas Works, Coke Ovens, Furnaces, Kilns, &c., which they are offering on very liberal terms to consumers, and the trade in general. also, Main Pavors, Stock Bricks, Paving, Malting Tiles, Plain, Plain and Ridge Do., Windsor and other Green Tiles, Sand, Coastal, Lime, Cement, Windsor and other Loamy Red and White Horse Hand Bricks, Chimney Cans, Sanitary Pipes, and every article connected with general Building. Heads made to patterns, on the shortest notice. Country buyers and consumers will find this the best and cheapest market.

TO ARCHITECTS, BUILDERS, AND RAILWAY CONTRACTORS.

BRICKS and TILES, plain and moulded, manufactured in a superior manner, from the best of clay on the Earl of Leicester's estate at Holkham, of red, blue, and fine stone coloured, both for plain and ornamental work, and specimens to be seen at Bramfield's Wharf, Commercial-road, Lambeth near Waterloo-bridge; consisting of plain breaks of the usual size for building purposes moulded bricks for forming Tudor chimney shafts, of various designs, label mouldings, cornices, copings, window sills, dressings for window and door mullions, strings, skirtings, &c. Also roofing and paving tiles of an ornamental character in the same materials. The moulded bricks are fully equal to the best specimens referred to under the articles "Brickwork," in Nos. 289 and 290, of "The Builder."

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TO ENGINEERS, BUILDERS, PLUMBERS, &c.

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TO BUILDERS, PAINTERS, &c.

TURPS, 3s., Linseed Oil, 2s. 3d., Boiled, 2s. 5d. per gallon; Lead from 20*l.* to 20*l.* 5s. per ton. Linseed 3s. 6d. the 7lb tin. Putty 1*l.* per cwt. Brunswick Green 1*l.* per cwt. Rose 1s. and 2s. per 14lb. Whiting 2s. 6d. Green, Umber 1s. 6d. per cwt. Oak Varnish 5s. 6d., and the old Varnish 4s. per gallon. The largest copper boiled Lustre-out Brushes 3s. 6d. each. Extra size 4s. 6d. ARMSTRONG'S, 2*a*, High-street, Bloomsbury and C, Fore-street, City.

LIGHTERAGE.—To Timber, Slate, Stone, and Coal Merchants, Builders, Proprietors, Contractors, and others requiring Lighterage.—CHARLES STRETTON, Lighterman, &c., is willing to undertake Lighterage at the following low rates:—Slate, 2s. per ton; Stone, 2s. per ton; Plaster, 2s. per ton; Bricks, 2s. per 1000; Timber, 1s. per yard; Timber, as per load. Other goods in proportion. Barges for sale or to let.

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IMPROVED BELL-HANGING.—From the patterns, and on the most advanced principle now in use at the Great Northern Hotel, Lyndon, where ONE BELL ONLY rings from upwards of TWENTY Rooms, and any of all of the tablets which indicate the apartment or apartments from whence the bell was rung is replaced by the action of the servants' lever. Combining simplicity, certainty, and economy, the special forwarders. Address Mr. J. MIDDLETON, Hatherset, Lincoln; or JOHN HALL, 98, Broad-street, Birmingham.

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CROGGON'S PATENT ASPHALTE ROOFING FELT and INDORSED FELT, for DAMP WALLS, sold in rolls, 24 inches wide, price one penny per square foot. Also, Dry Alum Felt, for preventing the radiation of heat and consequent condensation of steam, dispensing, and instructions sent by post, on application, by CROGGON and Co., 2, Ingram-court, Fenchurch-street, London.

TO ARCHITECTS AND BUILDERS.

CHUBB'S WROUGHT-IRON and FIRE-PROOF DOORS and FRAMES, for strong Rooms. A large assortment of the above, of all sizes, made in the best manner, and of different strengths, fitted with CHUBB'S PATENT DETECTOR LOCKS, throwing from two to seven bolts, constantly on sale, at very moderate prices. FIRE-PROOF SAFES of every size, and Patent Deposit Locks and Latches for all purposes. C. CHUBB and SON, sole Manufacturers, 57, St. Paul's Churchyard, London.

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TARPAULINS for COVERING ROOFS during Repairs, &c. TARPAULINS of any description, or ROPE used by Builders upon the lowest terms. Materials and temporary awnings on sale or hire; orders post received the most prompt attention.—WILLIAM PHILLIPS, 113, Upper-street, City, Manufacturer, by Appointment, to Her Majesty's Honourable Board of Ordnance.

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BIELEFELD'S TARIFF of PAPIER MACHE FRAMES, containing 114 Engravings, including the machine-made frame mouldings, which may be had in 12 feet lengths without joint, or made up complete.

"The frames of Mr. Bielefeld possess the best characteristic of fine carving."—*Art Union Journal.*

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